

## SEARCH REQUEST FORM

Scientific and Technical Information Center

Requester's Full Name: SHANNAN FOLEY Examiner #: 77851 Date: 5/21/01  
 Art Unit: 1618 Phone Number 308-3583 Serial Number: 09702498  
 Mail Box and Bldg/Room Location: 8E12/8009 Results Format Preferred (circle): PAPER DISK E-MAIL

If more than one search is submitted, please prioritize searches in order of need.

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Please provide a detailed statement of the search topic, and describe as specifically as possible the subject matter to be searched. Include the elected species or structures, keywords, synonyms, acronyms, and registry numbers, and combine with the concept or utility of the invention. Define any terms that may have a special meaning. Give examples or relevant citations, authors, etc, if known. Please attach a copy of the cover sheet, pertinent claims, and abstract.

Title of Invention: Paramyxovirus vectors used for transfer of foreign genes.

Inventors (please provide full names): Tsuyoshi TOKOSUMI; Akihisa II-DA; Mamoru

HASEGAWA; Yoshiguki NAGAI

Earliest Priority Filing Date: 5/18/00

\*For Sequence Searches Only\* Please include all pertinent information (parent, child, divisional, or issued patent numbers) along with the appropriate serial number.

- Please include an inventor name search.

- Please search for a replicable paramyxovirus vector carrying a foreign gene. The foreign gene is located downstream of the genes encoding viral proteins in the negative strand genomic RNA contained within the vector.

The foreign gene is inserted between 1<sup>st</sup> + 2<sup>nd</sup> genes of viral structural proteins, ~~2<sup>nd</sup>~~ or 2<sup>nd</sup> + 3<sup>rd</sup>, etc... until the option is between the 6<sup>th</sup> structural viral gene and the 3' end of the negative strand genomic RNA.

The vector encodes <sup>RNA</sup> 1<sup>st</sup> - 6<sup>th</sup> viral proteins from the 3' end of the negative genomic strand. The complementary DNA strand in the vector. are: NP, P, M, F, HN & L genes. & the

Point of Contact:  
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Please give to Beverly Shears.

Thank you!

## STAFF USE ONLY

Searcher: Beverly C 4994 Type of Search STN Vendors and cost where applicable.  
 Searcher Phone #:                      NA Sequence (#)                      Dialog                       
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